

**Amendments to and Listing of the Claims**

Please cancel claim 3, and amendment claim 1, so that the claims read as follows:

1. (Currently Amended) A polymer-electrolyte fuel cell, comprising:  
  
an electrolyte membrane-electrode assembly comprising a polymer-electrolyte membrane, and a pair of gas-diffusion electrodes sandwiching said polymer-electrolyte membrane;  
  
a first electroconductive separator having a gas channel for supplying an oxidant gas to one of the gas-diffusion electrodes of said pair; and  
  
a second electroconductive separator having a gas channel for supplying a fuel gas to the other of the gas-diffusion electrodes of said pair; wherein  
  
the polymer-electrolyte fuel cell is characterized in that  
  
at least one of said first electroconductive separator and said second electroconductive separator comprises a metal substrate and an electroconductive resin layer provided on said metal substrate and contacting said electrolyte membrane-electrode assembly, and  
  
said electroconductive resin layer comprises a resin having at least one of water-repellant ~~or~~ and basic radicals, and an electroconductive particulate substance which comprises a vitreous carbon powder having a specific surface area of less than 100 m<sup>2</sup>/g.
2. (Cancelled)
3. (Cancelled)
4. (Previously Presented) The polymer-electrolyte fuel cell in accordance with claim 1, further comprising a layer including at least one selected from the group consisting of: metallic Zn, metallic Sn, metallic Al, Cr-containing compounds, Mo-containing compounds and W-containing compounds, between said metal substrate and said electroconductive resin layer.